

South Dakota CHEMICAL USAGE

News Release

April 5, 2000

POSTHARVEST PESTICIDE USE FOR 1998 OATS CROP

SIOUX FALLS, April 5, 2000 –Volume of oats handled by South Dakota grain storage facilities between July 1998 and June 1999 was 7.4 million bushels. Only 3.32 percent of this quantity was treated with insecticide, according to the USDA's South Dakota Agricultural Statistics Service. Of the total quantity, 2.41 percent was treated by the insecticide aluminum phosphide. Application rate for aluminum phosphide averaged .27 pounds per thousand bushels for a total application of about 48 pounds. There were an insufficient number of reports to publish usage data for Malathion.

Fifty-one percent of the facilities base grain fumigation strategies on bin samples, and 40 percent by visual grain inspection.

These findings are based on data collected from storage facilities which reported postharvest pesticide applications and pest management practices to oats during the 1998 market year. Grain storage operators in twelve major oat producing States were surveyed which accounted for 79 percent of the total U.S. oat production.

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